

WEST Search History

DATE: Friday, February 18, 2005

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=USPT; PLUR=NO; OP=OR</i>	
<input type="checkbox"/>	L79	L78 and ((search\$ or quer\$ or request\$ or enquir\$ or inquir\$) same database\$)	28
<input type="checkbox"/>	L78	170 and ((records or (data near records)) ame (migrat\$ or transfer\$ or distribut\$ or upload\$ or download\$))	46
		<i>DB=PGPB,USPT,USOC; PLUR=NO; OP=OR</i>	
<input type="checkbox"/>	L77	176 and (server near archiv\$)	1
<input type="checkbox"/>	L76	175 and ((records or (data near records)) same (migrat\$ or transfer\$ or distribut\$ or upload\$ or download\$))	691
<input type="checkbox"/>	L75	(originat\$ near (system or apparatus or cpu or computer\$ or device\$ or processor\$))	7951
		<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>	
<input type="checkbox"/>	L74	173 and ((records or (data near records)) same (migrat\$ or transfer\$ or distribut\$ or upload\$ or download\$))	6
<input type="checkbox"/>	L73	(originat\$ near (system or apparatus or cpu or computer\$ or device\$ or processor\$))	1081
<input type="checkbox"/>	L72	(170 or L71) and ((records or (data near records)) same (migrat\$ or transfer\$ or distribut\$ or upload\$ or download\$))	2
<input type="checkbox"/>	L71	(server near archiv\$)	72
		<i>DB=USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>	
<input type="checkbox"/>	L70	(164 or 165 or 166 or 167 or 168 or 169) and (server near archiv\$)	47
		<i>DB=USPT; PLUR=NO; OP=OR</i>	
<input type="checkbox"/>	L69	709/203.ccls.	2532
<input type="checkbox"/>	L68	707/10.ccls.	3427
<input type="checkbox"/>	L67	707/204.ccls.	787
<input type="checkbox"/>	L66	707/202.ccls.	721
<input type="checkbox"/>	L65	707/103r-103z.ccls.	1025
<input type="checkbox"/>	L64	707/2-5.ccls.	4959
<input type="checkbox"/>	L63	L55 and 118	1
<input type="checkbox"/>	L62	L55 and 404	1
<input type="checkbox"/>	L61	L55 and (display\$ near (record or records))	1
<input type="checkbox"/>	L60	L55 and (graphical near (record or records))	0
<input type="checkbox"/>	L59	L55 and (ecg adj1 (record or records))	0
<input type="checkbox"/>	L58	L55 and 426	1

10/014,695

<input type="checkbox"/>	L57	L56 and 426	1
<input type="checkbox"/>	L56	L55 and (record or records)	1
<input type="checkbox"/>	L55	5903889.pn.	1
<input type="checkbox"/>	L54	L53 and (display\$ near (record or records))	5
<input type="checkbox"/>	L53	L52 and (record or records).ti.	29
<input type="checkbox"/>	L52	(quer\$ or search\$).ti.	3410
<input type="checkbox"/>	L51	L50 and ((window or windows) same (record or records))	40
<input type="checkbox"/>	L50	(distribut\$ near (record or records))	504
<input type="checkbox"/>	L49	L48 and (display\$ near (record or records))	0
<input type="checkbox"/>	L48	(migrat\$ near (record or records))	60
<input type="checkbox"/>	L47	L2 and (record or records).ab.	21
<input type="checkbox"/>	L46	L2 and (record or records).ti.	3
<input type="checkbox"/>	L45	L30 and ((window or windows) near (file or filename or (file adj1 name) or (file adj1 names) or (file adj1 type) or (file adj1 types) or file-name or file-names or file-type or file-types or record or records or (record adj1 name) or (record adj1 names) or record-name or record-names or record-type or record-types or (record adj1 type) or (record adj1 types or journal or date or time or length or lengths)))	60
<input type="checkbox"/>	L44	(migrat\$ near (record or records)).ab.	8
<input type="checkbox"/>	L43	(archiv\$ near (record or records)).ab.	19
<input type="checkbox"/>	L42	((record or records) near (window or windows))	216
<input type="checkbox"/>	L41	L40 and (window or windows or browser or browsers or gui or (graphical adj1 user adj1 interface) or icons or icon or menu or menus)	6
<input type="checkbox"/>	L40	L39 and (file or files)	27
<input type="checkbox"/>	L39	L38 and (record or records).ti.	48
<input type="checkbox"/>	L38	retriev\$.ti.	4875
<input type="checkbox"/>	L37	L36 and records	5
<input type="checkbox"/>	L36	L33 and (file or files).ti.	12
<input type="checkbox"/>	L35	L33 and (record or records).ab.	9
<input type="checkbox"/>	L34	L33 and (record or records).ti.	2
<input type="checkbox"/>	L33	migrat\$.ti.	752
<input type="checkbox"/>	L32	L30 and ((window or windows or (graphical adj1 user adj1 interface) or gui or menu or menus or icon or icons or button or buttons) near (file or filename or (file adj1 name) or (file adj1 names) or (file adj1 type) or (file adj1 types) or file-name or file-names or file-type or file-types or record or records or (record adj1 name) or (record adj1 names) or record-name or record-names or record-type or record-types or (record adj1 type) or (record adj1 types or journal or date or time or length or lengths)))	110
<input type="checkbox"/>	L31	L30 and ((window or windows or (graphical adj1 user adj1 interface) or gui or menu or menus or icon or icons or button or buttons) same (file or filename or (file adj1 name) or (file adj1 names) or (file adj1 type) or (file adj1 types) or file-name or file-names or file-type or file-types or record or records or (record adj1 name) or (record adj1 names) or record-name or record-names or record-type or	563

	record-types or (record adj1 type) or (record adj1 types or journal or date or time or length or lengths)))	
<input type="checkbox"/>	L30 (record or records).ti.	8009
<input type="checkbox"/>	L29 L28 and ((record or records) near (event or events))	41
<input type="checkbox"/>	L28 ((window or windows or browser or browsers or icon or icons or menu or menus) near (record or records))	497
<input type="checkbox"/>	L27 L26 and (record or records).ab.	20
<input type="checkbox"/>	L26 archiv\$.ti.	217
<input type="checkbox"/>	L25 L24 and archiv\$.ab.	13
<input type="checkbox"/>	L24 (record or records).ti.	8009
<input type="checkbox"/>	L23 L22 and (record or records).ab.	93
<input type="checkbox"/>	L22 archiv\$.ab.	743
<input type="checkbox"/>	L21 L20 and (record or records).ti.	4
<input type="checkbox"/>	L20 archiv\$.ti.	217
<input type="checkbox"/>	L19 L1 and (record near (event or events))	26
<input type="checkbox"/>	L18 L17 and ((event or events) near table)	2
<input type="checkbox"/>	L17 (L4 and L5) and ((record or records) near (event or events))	17
<input type="checkbox"/>	L16 (L4 or L5) and ((search\$ or quer\$ or request\$) near (record or records) near (event or events))	2
<input type="checkbox"/>	L15 L1 and ((search\$ or quer\$ or request\$) near (record or records) near (event or events))	0
<input type="checkbox"/>	L14 L1 and (purg\$ near (record or records))	3
<input type="checkbox"/>	L13 L11 and L7	3
<input type="checkbox"/>	L12 L11 and L6	0
<input type="checkbox"/>	L11 (L4 or L5) and (purg\$ near (record or records))	17
<input type="checkbox"/>	L10 L2 and L9	1
<input type="checkbox"/>	L9 (L4 or L5) and L8	281
<input type="checkbox"/>	L8 ((file or files) near (reference or referencing or refer or refering))	2302
<input type="checkbox"/>	L7 (L4 or L5) and (archiv\$ same (record or records))	151
<input type="checkbox"/>	L6 (L4 or L5) and (migrat\$ same (record or records))	33
<input type="checkbox"/>	L5 (707/100 707/101 707/102).ccls.	4155
<input type="checkbox"/>	L4 (707/1 707/2 707/3).ccls.	5016
<input type="checkbox"/>	L3 L2 and scheduler	11

(L1).pn. (6429947 6542930 6547397 6565608 6567796 6684397 5541911 5832191 6286052 6434624 6651101 5414846 5920567 5493564 5384841 5623532 5692182 5692174 5765108 5787153 RE36051 5987521 6111946 6115463 6404864 6560632 5943137 6211872 6211872 6324264 5315594 4858112 5230051 5349643 5559933 5829001 6052367 6067352 6178418 6178464 4533948 4885739 4987587 5291480 5291489 5309563 5359320 5361063 5377350 5384835).pn. (5432781 5485147 5491473 5507491 5526827 5555375 5570346 5583914 5583922 5619657 5625877 5668943 5706475

	5748618 5774662 5777754 5784610 5790803 5793498 5896445 5896493	
	5913088 5930472 5940831 5940376 5970134 5974447 5999965 6029146	
	6041045 6041352 6043904 6046989 6049596 6052454 6055493 6072860	
	6078406 6088436 6092083 6098078 6098058 6097957 6100918 6122363	
	6130760 6138110 6157963 6173173 6175826).pn. (6185565 6202100 6205148	
	6219151 6226623 6219151 6226623 6233321 6236722 6249572 6249810	
	6256381 6256389 6260059 6263372 6272126 6275867 6279038 6351777	
	6359976 6374102 6392999 6404746 6404884 6430275 6442169 6449491	
	6457049 6463134 6463460 6473805 6516351 6557111 6622021 6643291	
	6646542 6654795 4357681 4873716 5553127 6098111 4160126 4160876	
	4466095 4554661 4584680 4589107 4782519 4858227 4866703).pn. (4882779	
<input type="checkbox"/>	L2 4884194 5206934 5224095 5237568 5243595 5245705 5249184 5287355	294
	5331632 5341459 5369640 5379389 5404497 5430717 5442754 RE35050	
	5495593 5513174 5519700 5528589 5544163 5583857 5712882 5715300	
	5737320 5768354 5787253 5797016 5796423 5828900 5835856 5848053	
	5864551 5884005 5900753 5903849 5930346 5950211 5961609 5961652	
	5968149 5987098 6002683 6018746 6046742 6059509 6059509 6081712	
	6085200).pn. (6118779 6151023 6179426 6215799 6215799 6240063 6240087	
	6263392 6272190 6282202 6292569 6317743 6324183 6381239 6453360	
	6470335 6498612 6556308 6559966 5828847 5974258 6148404 6154848	
	6157953 6237092 6240466 5388097 5495607 5535375 5673382 5678042	
	5761425 5761678 5778389 5802297 5802291 5857102 5857188 5864854	
	5897638 5919247 5935210 5950011 5953725 5958054 6005931 6067477	
	6078960 6088728 6122360).pn.	
	(6230198 6006018 5754634 6185580 6381644 6389543 6532493 5577254	
	6456674 5740355 5841842 5285494 5471615 5555101 5559883 5577105	
	5761281 5799072 5809505 5862203 6085181 6151591 6182126 6434544	
<input type="checkbox"/>	L1 6219700 6219700 5689708 5742596 6058445 5596750 5666538 5864856	1024
	5960170 5961613 5961651 5964891 6018725 6041041 6154766 6253193	
	6269393 6353483 6362895 6363488 6381032 6389402 6396593 6408326	
	6425011 6427140)	

END OF SEARCH HISTORY


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

archiving and server and query and object oriented and migrat

SEARCH

[Feedback](#) [Report a problem](#) [Satisf](#)

Terms used

archiving and server and query and object oriented and migration and data records and database and refere

 Sort results by

 Display results
[Save results to a Binder](#)
[Search Tips](#)
☐ [Open results in a new window](#)
[Try an Advanced Search](#)
[Try this search in The A](#)

Results 1 - 20 of 200

 Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

R

1 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on C research**

 Full text available: [pdf\(4.21 MB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on proc are often used to obtain a better understanding of the execution of the application. The visualizat Poet, an event tracer developed at the University of Waterloo. However, these diagrams are offer and do not provide the user with the desired overview of the application. In our experience, such repeated occurrences of non-trivial commun ...

2 [Office documents on a database kernel—filing, retrieval, and archiving](#)

P. Zabback, H. B. Paul, U. Deppisch

 March 1990 **ACM SIGOIS Bulletin , Proceedings of the conference on Office information sys**
Issue 2-3

 Full text available: [pdf\(1.24 MB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index te](#)

One of the main component of integrated office systems is the large central filing system. It effici retrieves and searches office documents containing text, images, graphics, data and voice. We pr implement a filing system on top of the Darmstadt database system (DASDBS), which is designec management kernel for both standard and non-standard applications. This paper investigates the appropriate storage structures for the filing system objects and th ...

3 [Designing and mining multi-terabyte astronomy archives: the Sloan Digital Sky Survey](#)

Alexander S. Szalay, Peter Z. Kunszt, Ani Thakar, Jim Gray, Don Slutz, Robert J. Brunner

 May 2000 **ACM SIGMOD Record , Proceedings of the 2000 ACM SIGMOD international con**
Management of data, Volume 29 Issue 2

 Full text available: [pdf\(429.09 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index te](#)

The next-generation astronomy digital archives will cover most of the sky at fine resolution in ma from X-rays, through ultraviolet, optical, and infrared. The archives will be stored at diverse geog One of the first of these projects, the Sloan Digital Sky Survey (SDSS) is creating a 5-wavelength 10,000 square degrees of the sky (see <http://www.sdss.org/>). The 200 million objects in the mull database will have mostly numerical attribut ...


Keywords: Internet, archive, astronomy, data analysis, data mining, database, scalable

14014,698

4 A survey of current object-oriented databases

Mansour Zand, Val Collins, Dale Caviness

February 1995 **ACM SIGMIS Database**, Volume 26 Issue 1

Full text available:  [pdf\(1.44 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Object-oriented concepts form a good basis for the data models required for next-generation data systems such as CAD/CAE/CASE/CAM systems, knowledge-based systems, multimedia, etc. Many object-oriented databases are available commercially or are being developed by industry or academic research facilities. This paper compares some of these products using fourteen criteria. The selected criteria are major factors in the successful design of an object-oriented database ...

Keywords: OOD-BMS survey, object-oriented database, object-oriented terminology

5 Garbage collecting the Internet: a survey of distributed garbage collection

Saleh E. Abdullahi, Graem A. Ringwood

September 1998 **ACM Computing Surveys (CSUR)**, Volume 30 Issue 3

Full text available:  [pdf\(337.65 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


Internet programming languages such as Java present new challenges to garbage-collection design. This paper reviews garbage-collection schema for linked structures distributed over a network. It classifies garbage collectors first because they evolved from single-address-space collectors. It then uses a framework to explore distribution issues: locality of action, communication overhead and communication latency.

Keywords: automatic storage reclamation, distributed, distributed file systems, distributed memory management, object-oriented management, memory management, network communication, object-oriented data, reference counting

6 An object-oriented data model for distributed office applications

E. Bertino, M. Negri, G. Pelagatti, L. Sbattella

March 1990 **ACM SIGOIS Bulletin , Proceedings of the conference on Office information systems**, Issue 2-3

Full text available:  [pdf\(1.19 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The object-oriented paradigm is becoming very popular for database applications and several object-oriented DBMSs have been developed. A basic notion in this paradigm is the inheritance hierarchy that all objects define objects and the associated operations starting from already defined objects. However, in distributed applications the inheritance hierarchy must provide a conceptual modeling function, in addition to the basic function. Another important requirement is to provide ...

7 Migration of legacy web applications to enterprise Java™ environments net.data® to JSP™

Yu Ping, Jianguo Lu, Terence C. Lau, Kostas Kontogiannis, Tack Tong, Bo Yi

October 2003 **Proceedings of the 2003 conference of the Centre for Advanced Studies on Collaborative research**

Full text available:  [pdf\(165.69 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

As Web technologies advance, the porting and adaptation of existing Web applications to take advantage of new technology has become an issue of increasing importance. Examples of such technology advancement include extensible architectural designs, more efficient caching protocols, and provision for customizable content delivery. This paper presents an experience report on the migration of legacy IBM® Net.Data® based applications to new enterprise Java

Keywords: Java 2 Enterprise Edition (J2EE™), JavaBeans, JavaServer pages, Net.Data, SQL, migration, model-view-controller (MVC), transformation

8 System support for pervasive applications

Robert Grimm, Janet Davis, Eric Lemar, Adam Macbeth, Steven Swanson, Thomas Anderson, Brian E Borriello, Steven Gribble, David Wetherall

November 2004 **ACM Transactions on Computer Systems (TOCS)**, Volume 22 Issue 4

Full text available:  pdf(1.82 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Pervasive computing provides an attractive vision for the future of computing. Computational power is available everywhere. Mobile and stationary devices will dynamically connect and coordinate to serve people in accomplishing their tasks. For this vision to become a reality, developers must build applications that constantly adapt to a highly dynamic computing environment. To make the developers' task feasible, a system architecture for pervasive computing, called & ...

Keywords: Asynchronous events, checkpointing, discovery, logic/operation pattern, migration, object-oriented pervasive computing, structured I/O, tuples, ubiquitous computing

9 Comparison of access methods for time-evolving data

Betty Salzberg, Vassilis J. Tsotras

June 1999 **ACM Computing Surveys (CSUR)**, Volume 31 Issue 2

Full text available:  pdf(529.53 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper compares different indexing techniques proposed for supporting efficient access to time-evolving data. The comparison is based on a collection of important performance criteria, including the space consumed, the overhead of processing, and query time for representative queries. The comparison is based on worst-case assumptions on data distribution or query frequencies are made. When a number of methods have asymptotic worst-case behavior, features in the methods that ...

Keywords: I/O performance, access methods, structures, temporal databases

10 An analysis of XML database solutions for the management of MPEG-7 media descriptions

Utz Westermann, Wolfgang Klas

December 2003 **ACM Computing Surveys (CSUR)**, Volume 35 Issue 4

Full text available:  pdf(448.76 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


MPEG-7 constitutes a promising standard for the description of multimedia content. It can be expected that applications based on MPEG-7 media descriptions will be set up in the near future. Therefore, methods for the adequate management of large amounts of MPEG-7-compliant media descriptions are certainly desirable. Essentially, MPEG-7 media descriptions are XML documents following media description schemes that are a variant of XML Schema. Thus, it is reasonable to investigate current ...

Keywords: MPEG-7, XML database systems, multimedia databases

11 Query processing in a multimedia document system

Elisa Bertino, Fausto Rabiti, Simon Gibbs

January 1988 **ACM Transactions on Information Systems (TOIS)**, Volume 6 Issue 1

Full text available:  pdf(2.94 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Query processing in a multimedia document system is described. Multimedia documents are information objects containing formatted data, text, image, graphics, and voice. The query language is based on a core document model that allows the users to formulate queries on both document content and structure. The architecture of the system is outlined, with focus on the storage organization in which both optical and magnetic devices can coexist. Query processing and the different strategies ...

12 An XML query engine for network-bound data

Zachary G. Ives, A. Y. Halevy, D. S. Weld

December 2002 **The VLDB Journal — The International Journal on Very Large Data Bases**, Vol

Full text available:  pdf(351.86 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)


XML has become the lingua franca for data exchange and integration across administrative and er boundaries. Nearly all data providers are adding XML import or export capabilities, and standard) DTDs are being promoted for all types of data sharing. The ubiquity of XML has removed one of tl obstacles to integrating data from widely disparate sources - namely, the heterogeneity of data fc general-purpose integration of data across the wide are a also re ...

Keywords: Data integration, Data streams, Query processing, Web and databases, XML

13 Managing persistent objects in a multi-level store

Michael Stonebraker

April 1991 **ACM SIGMOD Record , Proceedings of the 1991 ACM SIGMOD international con Management of data**, Volume 20 Issue 2


Full text available:  pdf(1.10 MB)

Additional Information: [full citation](#), [references](#), [citing](#), [index terms](#)

14 Recovery management in QuickSilver

Rober Haskin, Yoni Malachi, Gregory Chan

February 1988 **ACM Transactions on Computer Systems (TOCS)**, Volume 6 Issue 1

Full text available:  pdf(2.21 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#), [index te](#)

This paper describes QuickSilver, developed at the IBM Almaden Research Center, which uses ato as a unified failure recovery mechanism for a client-server structured distributed system. Transac atomicity for related activities at a single server or at a number of independent servers. Rather th transaction management into a dedicated language or recoverable object manager, Quicksilver ex commit protocol and log rec ...

15 StorHouse metanoia - new applications for database, storage & data warehousing

Felipe Cariño, Pekka Kostamaa, Art Kaufmann, John Burgess

May 2001 **ACM SIGMOD Record , Proceedings of the 2001 ACM SIGMOD international con Management of data**, Volume 30 Issue 2

Full text available:  pdf(597.88 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper describes the StorHouse/Relational Manager (RM) database system that uses and expl *storage hierarchy*. By active storage hierarchy, we mean that StorHouse/RM executes SQL querie data stored on all hierarchical storage (i.e. disk, optical, and tape) without post processing a file c manage a data set. We describe and analyze StorHouse/RM features and internals. We also descr StorHouse/RM differs from traditional HSM ...

16 Java resources for computer science instruction

Joseph Bergin, Thomas L. Naps, Constance G. Bland, Stephen J. Hartley, Mark A. Holliday, Pamela B Lewis, Myles F. McNally, Christopher H. Nevison, Cheng Ng, George J. Pothering, Tommi Teräsvirta

October 1998 **ACM SIGCUE Outlook**, Volume 26 Issue 4

Full text available:  pdf(2.23 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The goal of this working group was to collect, evaluate, and foster the development of resources t components of both new and revised traditional courses that emphasize object-oriented software using Java. These courses could, for example, integrate Internet-based distributed programming, database programming, graphics and visualization, human interface design and object-oriented d could therefore also be suitable as capstone courses in computer ...

17 Java resources for computer science instruction

Joseph Bergin, Thomas L. Naps, Constance G. Bland, Stephen J. Hartley, Mark A. Holliday, Pamela B. Lewis, Myles F. McNally, Christopher H. Nevison, Cheng Ng, George J. Pothering, Tommi Teräsvirta
December 1998 **Working Group reports of the 3rd annual SIGCSE/SIGCUE ITiCSE conference technology into computer science education**

Full text available:  pdf(107.98 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

18 Trustworthy 100-year digital objects: Evidence after every witness is dead

Henry M. Gladney
July 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 3

Full text available:  pdf(1.24 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In ancient times, wax seals impressed with signet rings were affixed to documents as evidence of authenticity. A digital counterpart is a message authentication code fixed firmly to each important digital object is sealed together with its own audit trail, each user can examine this evidence to distrust the content---no matter how distant this user is in time, space, and social affiliation from the source. We propose an architecture and design that a ...

19 The intrinsic problems of structural heterogeneity and an approach to their solution

Theo Härder, Günter Sauter, Joachim Thomas
April 1999 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 8 Issue 2

Full text available:  pdf(132.99 KB)


Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper focuses on the problems that arise when integrating data from heterogeneous sources into a unified database view. At first, we give a detailed analysis of the kinds of structural heterogeneity that arise. Then, we show how unified views are derived from different database systems. We present the results in a multiple tier architecture which distinguishes different levels of heterogeneity and relates them to their underlying causes and the mapping conflicts resulting from the view decomposition.

Keywords: Heterogeneity, Legacy systems, Mapping language, Schema integration, Schema mapping, Views

20 Java resources for computer science instruction

Joseph Bergin, Thomas L. Naps, Constance G. Bland, Stephen J. Hartley, Mark A. Holliday, Pamela B. Lewis, Myles F. McNally, Christopher H. Nevison, Cheng Ng, George J. Pothering, Tommi Teräsvirta
December 1998 **ACM SIGCSE Bulletin**, Volume 30 Issue 4

Full text available:  pdf(2.29 MB)

Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

The goal of this working group was to collect, evaluate, and foster the development of resources for the components of both new and revised traditional courses that emphasize object-oriented software development using Java. These courses could, for example, integrate Internet-based distributed programming, database programming, graphics and visualization, human interface design and object-oriented design. They could therefore also be suitable as capstone courses in computer science.

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore**
RELEASE 1.8Welcome
United States Patent and Trademark Office[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)11
1
1
1
» Se.**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Your search matched **1** of **1128145** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Dealing with history and time in a distributed enterprise manager
Shvartsman, A.A.;
Network, IEEE , Volume: 7 , Issue: 6 , Nov. 1993
Pages:32 - 42

[\[Abstract\]](#) [\[PDF Full-Text \(1372 KB\)\]](#) **IEEE JNL** **Print Format**[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

14/01/4, 6 9 5

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership | Publications/Services | Standards | Conferences | Careers/Jobs

IEEE Xplore
 RELEASE 1.8

 Welcome
 United States Patent and Trademark Office

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)
[Quick Links](#)

 II
 1
 1
 1
 1
 » Se.

Welcome to IEEE Xplore™

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **3** of **1128145** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

☐ Check to search within this result set
Results Key:**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 OLE DB: a component DBMS architecture***Blakeley, J.A.;*
 Data Engineering, 1996. Proceedings of the Twelfth International Conference on , 26 Feb.-1 March 1996
 Pages:203 - 204

[\[Abstract\]](#)
[\[PDF Full-Text \(144 KB\)\]](#)
IEEE CNF**2 Very quick audio searching: introducing global pruning to the Time-Series Active Search***Kimura, A.; Kashino, K.; Kurozumi, T.; Murase, H.;*
 Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2 IEEE International Conference on , Volume: 3 , 7-11 May 2001
 Pages:1429 - 1432 vol.3

[\[Abstract\]](#)
[\[PDF Full-Text \(284 KB\)\]](#)
IEEE CNF**3 Managing dynamic medical data in a distributed mode***Bingyi Hu; Jing Bai; Datian Ye;*
 Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th Annual International Conference of the IEEE , Volume: 3 , 29 Oct.-1 Nov. 1998
 Pages:1292 - 1294 vol.3

[\[Abstract\]](#)
[\[PDF Full-Text \(244 KB\)\]](#)
IEEE CNF
[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved